

I claim:

1. A snow making tower hydrant station for mounting a snow making tower and connecting the same to remote sources of air and water under pressure, comprising;

underground air and water pipes respectively connected to remote sources of
5 air and water under pressure;

air and water hydrant pipes respectively connected to said underground air and water pipes for supplying air and water under pressure above ground;

air and water valves respectively connected to said air and water hydrant pipes for valving air and water therefrom:

10 couplings on above ground exposed ends of said hydrant pipes for coupling said hydrant pipes to a snow making device;

a substantially vertical closed metal snow tower mounting pipe with a hollow interior and having bottom portions embedded in ground and having portions exposed above ground for supporting a snow making tower thereon; and

15 said air hydrant pipe connected to the interior of said mounting pipe whereby said interior portions constitute a segment of said air hydrant pipe and air under pressure supplied to said air hydrant coupling is circulated through above ground portions of said mounting pipe for cooling.

2. The snow tower hydrant station of claim 1, wherein underground portions said water hydrant pipe and said mounting pipe are secured together in closely spaced juxtaposition whereby said water hydrant and said mounting pipe are a combined unit for unified installation.

3. The snow tower hydrant station of claim 2, wherein said water valve is
5 positioned on underground portions of said water hydrant.

4. The snow tower hydrant station of claim 3, including a spring biased check valve disposed in underground portions of said water hydrant and biased to open when a predetermined minimum pressure is attained in said water hydrant for draining said water hydrant.

5. The snow tower hydrant station of claim 1 wherein said ground is provided
10 in the form of a removable earth mound covering said bottom portions of said mounting pipe.

6. The snow hydrant station of claim 1 in combination with a snow making apparatus having water and air inlets respectively connected with flexible hoses to said water and air hydrant pipe couplings, and a drain coupling disposed in at least one of said hose connections for draining said at least one hose when a predetermined minimum pressure is attained therein.

7. A prefabricated hydrant station for mounting a snow making tower and connecting the same to remote sources of air and water under pressure, comprising:

an upright elongate water hydrant pipe having upper and lower ends with a hose coupling at the upper end for delivery of water under pressure to a snow making apparatus and
5 a water conduit coupling connected to the lower end for coupling to a source of water under pressure;

an upright elongate closed metal mounting pipe with a hollow interior and juxtapositioned with the water hydrant pipe and extending upwardly beyond the upper end of said water hydrant pipe for supporting a snow making tower structure thereon;

support tie means securing said water hydrant pipe and said mounting pipe
10 together as a unit;

an air inlet coupling positioned on said mounting pipe for introducing air under pressure into lower portions of the hollow interior from a source of air under pressure; and

a conduit coupling positioned on said mounting pipe intermediate its ends for delivering air under pressure from said hollow interior to a snow making apparatus.

8. The prefabricated hydrant station of claim 7, including a valve disposed
15 between the lower end of said water hydrant pipe and said water conduit coupling for valving water supplied to said water hydrant, and an elongate valve operating handle shaft extending upwardly from said valve to a position above the upper end of said water hydrant pipe for operating said valve from said position.

9. The prefabricated hydrant station of claim 8, including a spring biased drain disposed between said valve and the lower end of said water hydrant pipe for draining said water hydrant pipe when a predetermined minimum pressure is attained therein.

5 10. A hydrant coupling for snow making apparatus comprising:
a conduit coupling having at least three intercommunicating terminal coupling
ports;
a first one of said coupling ports connected to a drain valve;
a second one of said coupling ports connected to an inlet conduit coupler for
10 coupling the conduit coupling to a fluid supply pipe; and
a third one of said coupling ports providing an outlet port for coupling to a
snow making apparatus.

11. The hydrant coupling of claim 10 wherein said drain valve is comprised of
a spring biased check valve which is biased to open when a predetermined minimum pressure is
15 attained in said conduit coupling.

12. The hydrant coupling of claim 11, said conduit coupling including a fourth
port for providing an outlet port for coupling to a second snow making apparatus.

13. The hydrant coupling of claim 12, including a plug for selectively plugging
one of said third and fourth ports.

14. The hydrant coupling of claim 13, wherein said plug is tethered to said conduit coupling.

15. The hydrant coupling of claim 11, wherein said predetermined minimum pressure is selected to be in the approximate range of 20 to 30 psi.

5 16. The hydrant coupling of claim 10, including a length of flexible hose coupled to said inlet conduit coupler.

17. The hydrant coupling of claim 10 in combination with adjacent valved water and air hydrants and a snow making apparatus having water and air inlets, and the combination further including a pair of said hydrant couplings having their inlet conduit couplers respectively connected to said water and air hydrants and having said third ones of said coupling ports of said conduit couplings respectively connected to said water and air inlets of said snow making apparatus.

18. The hydrant coupling of claim 17, including a fourth port in said conduit couplings and a second snow making apparatus having water and air inlets respectively connected with flexible hoses to said fourth ports for simultaneously operating two snow making apparatus.

19. The hydrant combination of claim 18, including a hose connection between said water hydrant coupling and said water hydrant, said hose connection being sufficiently long whereby said hydrant coupling will rest on a ground surface which is lower than the point of connection to said hydrant and to the water inlet for said snow making apparatus for facilitating the drainage of said water hoses when said predetermined pressure is attained.

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